

09/673,222 IDS Ref #50



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PubMed	Nucleotide	Protein	Genome	Structure	PopSet	Taxonomy	MIM	Books	
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Limits		Preview/Index		History		Clipboard		Details	
Display	default	Save	Text	Add to Clipboard		Get Subsequence			

☐ 1: X66400. *S.cerevisiae* SUG1...[gi:4590]

Links

LOCUS SCSUG1 1671 bp DNA linear PLN 17-AUG-1994
DEFINITION *S.cerevisiae* SUG1 gene.
ACCESSION X66400
VERSION X66400.1 GI:4590
KEYWORDS ATPase; sug1 gene.
SOURCE *Saccharomyces cerevisiae* (baker's yeast)
ORGANISM *Saccharomyces cerevisiae*
Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;
Saccharomycetales; Saccharomycetaceae; Saccharomyces.
REFERENCE 1 (bases 1 to 1671)
AUTHORS Swaffield, J.C., Bromberg, J.F. and Johnston, S.A.
TITLE Alterations in a yeast protein resembling HIV Tat-binding protein
relieve requirement for an acidic activation domain in GAL4
JOURNAL Nature 357 (6380), 698-700 (1992)
MEDLINE 92310548
REFERENCE 2 (bases 1 to 1671)
AUTHORS Wolfe, K.H.
TITLE Similarity between putative ATP-binding sites in land plant plastid
ORF2280 proteins and the FtsH/CDC48 family of ATPases
JOURNAL Curr. Genet. 25 (4), 379-383 (1994)
MEDLINE 94363756
REFERENCE 3 (bases 1 to 1671)
AUTHORS Johnston, S.A.
TITLE Direct Submission
JOURNAL Submitted (21-MAY-1992) S.A. Johnston, Ut Southwestern Medical
Center, 5323 Harry Hines Blvd, Dallas Tx 75235 8573, USA
FEATURES
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Search for

Links

☐ 1: L25423. *Caenorhabditis el...*[gi:409130]

LOCUS CELMEI1SP 3267 bp DNA linear INV 03-MAR-1994
DEFINITION *Caenorhabditis elegans* mei-1 gene exons 1-4, complete cds.
ACCESSION L25423
VERSION L25423.1 GI:409130
KEYWORDS ATPase.
SOURCE *Caenorhabditis elegans*
ORGANISM *Caenorhabditis elegans*
Eukaryota; Metazoa; Nematoda; Chromadorea; Rhabditida;
Rhabditoidea; Rhabditidae; Peloderinae; *Caenorhabditis*.

REFERENCE 1 (bases 1 to 3267)
AUTHORS Clark-Maguire, S. and Mains, P.E.
TITLE mei-1, a gene required for meiotic spindle formation in
Caenorhabditis elegans, is a member of a family of ATPases
Genetics 136 (2), 533-546 (1994)

JOURNAL 94200595
MEDLINE 8150281
PUBMED
COMMENT Original source text: *Caenorhabditis elegans* (strain Bristol N2)
mixed DNA.

FEATURES

source

Location/Qualifiers

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misc binding

misc binding

exon

gene

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09/673,222 IDS #48



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Limits	Preview/Index	History	Clipboard	Details				
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☐ 1: AF052191. Strongylocentrotu...[gi:3098602]

Links

LOCUS AF052191 1551 bp mRNA linear INV 05-MAR-2001
DEFINITION Strongylocentrotus purpuratus katanin p60 subunit mRNA, complete cds.
ACCESSION AF052191
VERSION AF052191.1 GI:3098602
KEYWORDS
SOURCE Strongylocentrotus purpuratus
ORGANISM Strongylocentrotus purpuratus
Eukaryota; Metazoa; Echinodermata; Eleutherozoa; Echinozoa;
Echinoidea; Euechinoidea; Echinacea; Echinoida;
Strongylocentrotidae; Strongylocentrotus.
REFERENCE 1 (bases 1 to 1551)
AUTHORS McNally, F.J. and Vale, R.D.
TITLE Identification of katanin, an ATPase that severs and disassembles stable microtubules
JOURNAL Cell 75 (3), 419-429 (1993)
MEDLINE 94037090
PUBMED 8221885
REFERENCE 2 (bases 1 to 1551)
AUTHORS Hartman, J.J., Mahr, J., McNally, K., Okawa, K., Iwamatsu, A., Thomas, S., Cheesman, S., Heuser, J., Vale, R.D. and McNally, F.J.
TITLE Katanin, a microtubule-severing protein, is a novel AAA ATPase that targets to the centrosome using a WD40-containing subunit
JOURNAL Cell 93 (2), 277-287 (1998)
MEDLINE 98227670
PUBMED 9568719
REFERENCE 3 (bases 1 to 1551)
AUTHORS Hartman, J.J., McNally, F.J. and Vale, R.D.
TITLE Direct Submission
JOURNAL Submitted (03-MAR-1998) Biochemistry and Biophysics, UCSF, 513 Parnassus Ave., San Francisco, CA 94143-0448, USA
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